

Appl. No. 09/530,369
Amtd. dated November 24, 2004

In the Claims:

Claims 1 and 6 are amended herein. New claims 21-26 are added. Claims 4, and 11-20 are canceled herein.

1. (previously amended) A measurement system of communication device, comprising:

a signal generator that generates and outputs a predetermined signal for measurement;

a communication device including a processing device performs predetermined demodulation processing for said signal for measurement outputted from said signal generator and outputs the demodulated signal by performing predetermined receiving operation; and

a measuring device that sends a result of measurement by measuring the characteristics of said demodulated signal outputted from said communication device to said processing device,

wherein said processing device controls a series of measurement procedures and reports said result of measurement sent from said measuring device, and

wherein said processing device performs control operation corresponding to at least a part of said receiving operation during normal operation of said communication device and is adapted to adjust operation of said communication device,

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wherein said communication device includes a reception processing section that receives a carrier wave having a predetermined receiving frequency, and demodulates and takes out a signal included in the carrier wave, and

said processing device performs various kinds of setting processing required when said predetermined receiving operation is performed by said reception processing section,

wherein said communication device includes a variable adjustment element for adjusting characteristics thereof, and wherein said processing device changes said variable adjustment element based on results of said measurement to accomplish said adjustment,

wherein said variable adjustment element comprises a variable capacitor, and

wherein said communication device comprises a radio receiver.

2. (original) The measurement system of communication device according to claim 1, wherein said communication device includes a display unit, and said processing device reports said result of measurement by providing a predetermined display on said display unit.

3-4. (canceled)

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5. (original) The measurement system of communication device according to claim 1, wherein said processing device is configured by a CPU that controls said measurement procedures by executing a predetermined program for measurement.

6. (currently amended) A measurement system of communication device, comprising:

a signal generator that generates and outputs a predetermined signal for measurement;

a communication device including a processing device performs predetermined modulation processing for said signal for measurement outputted from said signal generator and outputs the modulated signal by performing predetermined transmission operation; and

a measuring device that sends a result of measurement by measuring the characteristics of said modulated signal outputted from said communication device to said processing device,

wherein said processing device controls a series of measurement procedures and reports said result of measurement sent from said measuring device, and

wherein said processing device performs control operation corresponding to at least a part of said transmission operation during normal operation of said communication device and is adapted to adjust operation of said communication device,

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wherein said communication device includes a transmission processing section that transmits a carrier wave having a predetermined frequency by performing said predetermined modulation processing, and

said processing device performs various kinds of setting processing required when said predetermined transmission operation is performed by said transmission processing section,

wherein said communication device includes a variable adjustment element for adjusting characteristics thereof, and wherein said processing device changes said variable adjustment element based on results of said measurement to accomplish said adjustment,

wherein said variable adjustment element comprises a variable capacitor, and

wherein said communication device comprises a mobile telephone device.

7. (original) The measurement system of communication device according to claim 6, wherein said communication device includes a display unit, and

said processing device reports said result of measurement by providing a predetermined display on said display unit.

8-9. (canceled)

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10. (original) The measurement system of communication device according to claim 6, wherein said processing device is configured by a CPU that controls said measurement procedures by executing a predetermined program for measurement.

11-20. (canceled)

21. (new) A measurement system of communication device, comprising:

a signal generator that generates and outputs a predetermined signal for measurement;

a communication device including a processing device performs predetermined demodulation processing for said signal for measurement outputted from said signal generator and outputs the demodulated signal by performing predetermined receiving operation; and

a measuring device that sends a result of measurement by measuring the characteristics of said demodulated signal outputted from said communication device to said processing device,

wherein said processing device controls a series of measurement procedures and reports said result of measurement sent from said measuring device, and

wherein said processing device performs control operation corresponding to at least a part of said receiving operation

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during normal operation of said communication device and is adapted to adjust operation of said communication device wherein said communication device includes a reception processing section that receives a carrier wave having a predetermined receiving frequency, and demodulates and takes out a signal included in the carrier wave, and said processing device performs various kinds of setting processing required when said predetermined receiving operation is performed by said reception processing section, wherein said communication device includes a variable adjustment element for adjusting characteristics thereof, and wherein said processing device changes said variable adjustment element based on results of said measurement to accomplish said adjustment, wherein said variable adjustment element comprises a variable capacitor, and wherein said communication device comprises a television receiver.

22. (new) The measurement system of communication device according to claim 21, wherein said communication device includes a display unit, and said processing device reports said result of measurement by providing a predetermined display on said display unit.

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23. (new) The measurement system of communication device according to claim 21, wherein said processing device is configured by a CPU that controls said measurement procedures by executing a predetermined program for measurement.

24. (new) A measurement system of communication device, comprising:

a signal generator that generates and outputs a predetermined signal for measurement;

a communication device including a processing device performs predetermined modulation processing for said signal for measurement outputted from said signal generator and outputs the modulated signal by performing predetermined transmission operation; and

a measuring device that sends a result of measurement by measuring the characteristics of said modulated signal outputted from said communication device to said processing device,

wherein said processing device controls a series of measurement procedures and reports said result of measurement sent from said measuring device, and

wherein said processing device performs control operation corresponding to at least a part of said transmission operation during normal operation of said communication device and is adapted to adjust operation of said communication device,

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wherein said communication device includes a transmission processing section that transmits a carrier wave having a predetermined frequency by performing said predetermined modulation processing, and

said processing device performs various kinds of setting processing required when said predetermined transmission operation is performed by said transmission processing section,

wherein said communication device includes a variable adjustment element for adjusting characteristics thereof, and wherein said processing device changes said variable adjustment element based on results of said measurement to accomplish said adjustment,

wherein said variable adjustment element comprises a variable capacitor, and

wherein said communication device comprises a transceiver.

25. The measurement system of communication device according to claim 24, wherein said communication device includes a display unit, and

said processing device reports said result of measurement by providing a predetermined display on said display unit.

26. The measurement system of communication device according to claim 24, wherein said processing device is configured by a CPU that controls said measurement procedures by executing a predetermined program for measurement.